

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001409.D
 Acq On : 27 Jan 2020 16:29
 Operator : SY/MD
 Sample : L1269-01
 Misc : 7.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 27 22:11:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

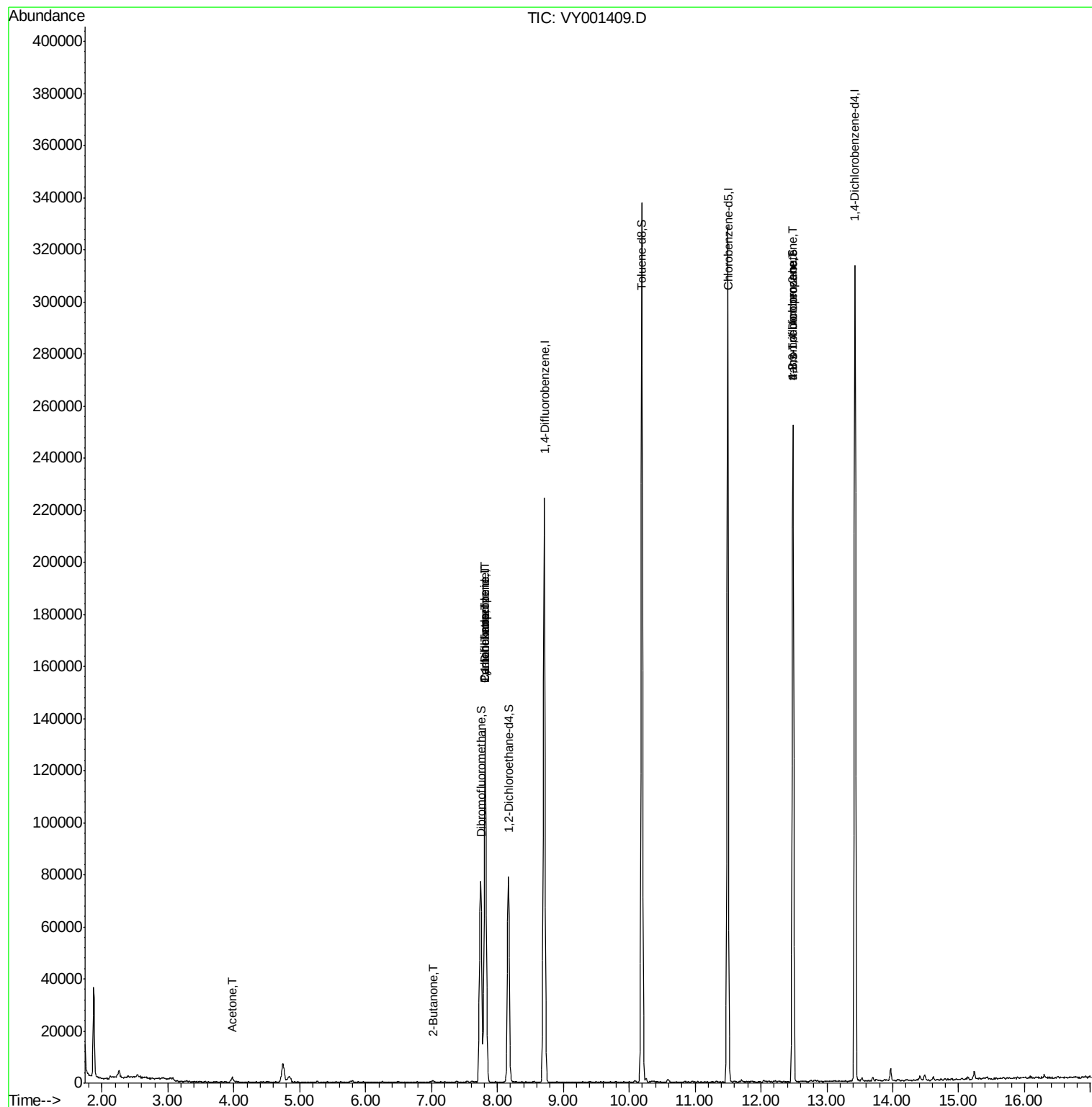
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	103850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	189317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	171789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	78877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	58080	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	7.75	113	56119	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.19	98	222481	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.49	95	80869	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.98	59	29	Below Cal	#	74
16) Acetone	3.98	43	3049	2.746	ug/l #	79
20) Methylene Chloride	4.75	84	5089	Below Cal		94
25) 2-Butanone	7.02	43	742	1.509	ug/l #	87
31) Cyclohexane	7.82	56	2485	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	8216	4.594	ug/l #	49
38) Carbon Tetrachloride	7.82	117	10302	6.463	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	40658	42.777	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	40658	80.950	ug/l #	14

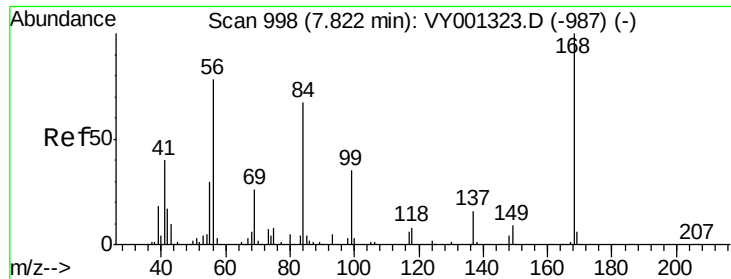
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
Data File : VY001409.D
Acq On : 27 Jan 2020 16:29
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ClientSampleId :

Quant Time: Jan 27 22:11:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
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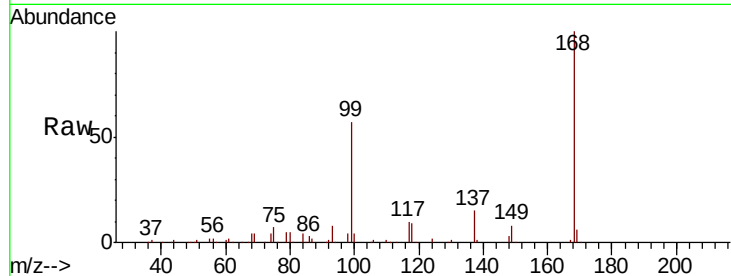


#1

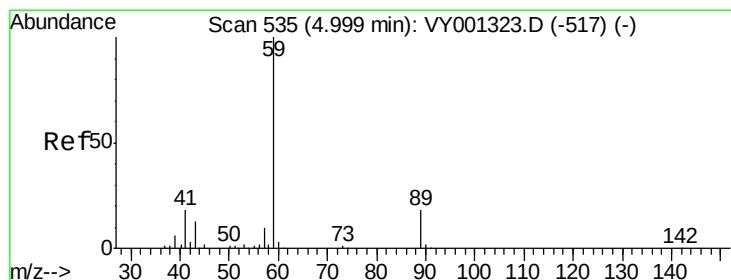
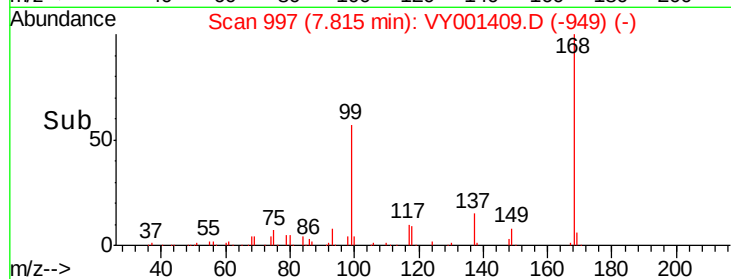
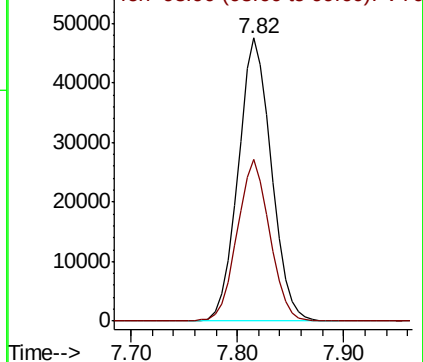
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: VY001409.D
 Acq: 27 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 103850
 Ion Ratio Lower Upper
 168 100
 99 57.3 44.3 66.5



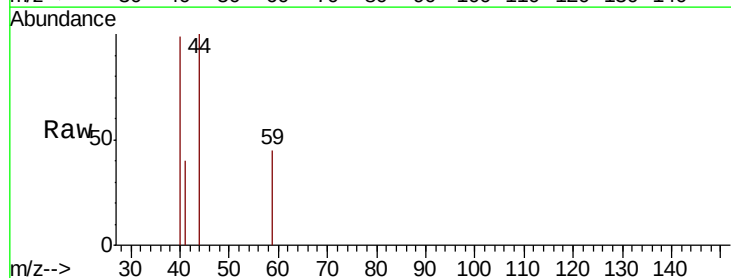
Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)
 Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



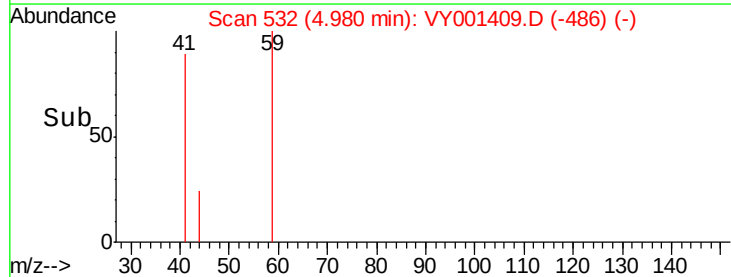
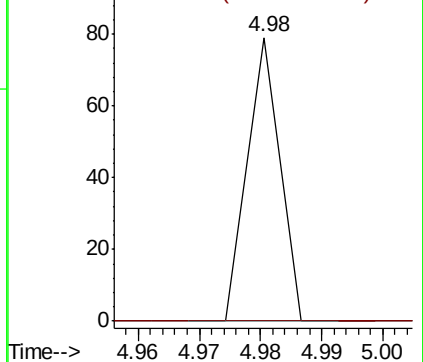
#11

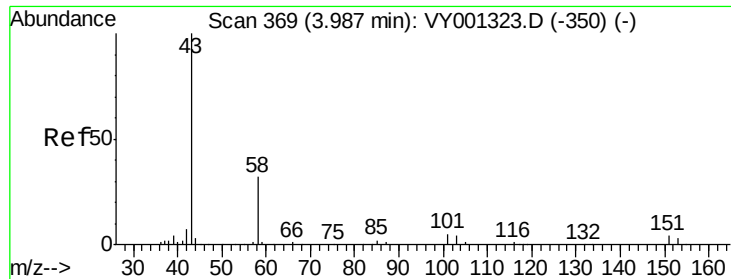
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.98 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VY001409.D
 Acq: 27 Jan 2020 16:29

Tgt Ion: 59 Resp: 29
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001323.D (-517) (-)
 Ion 57.00 (56.70 to 57.70): VY001323.D (-517) (-)





#16

Acetone

Concen: 2.746 ug/l

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001409.D

Acq: 27 Jan 2020 16:29

Instrument :

MSVOA_Y

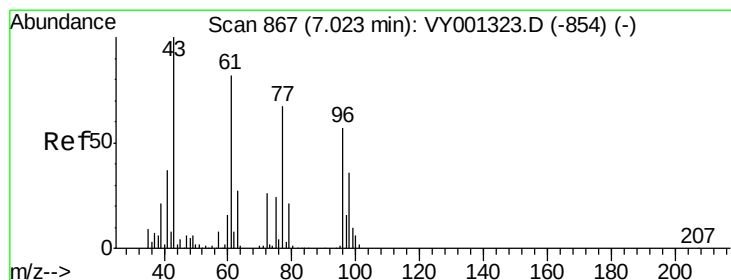
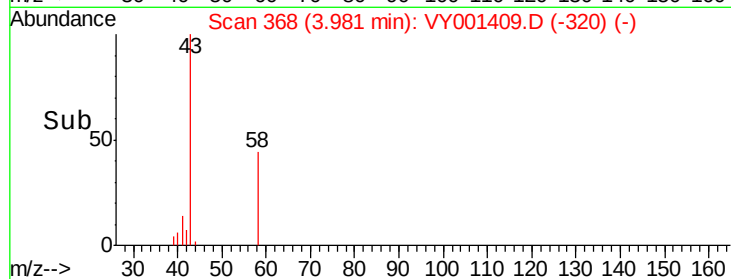
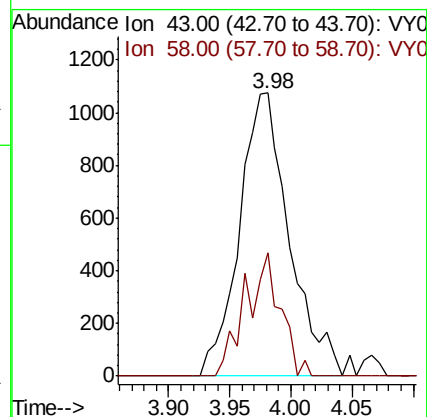
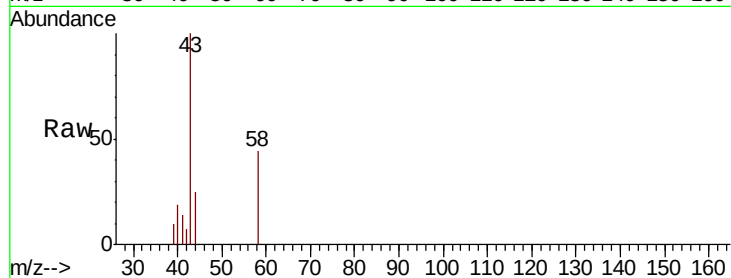
ClientSampled :

Tot Ion: 43 Resp: 3049

Ion Ratio Lower Upper

43 100

58 43.6 25.4 38.0#



#25

2-Butanone

Concen: 1.509 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001409.D

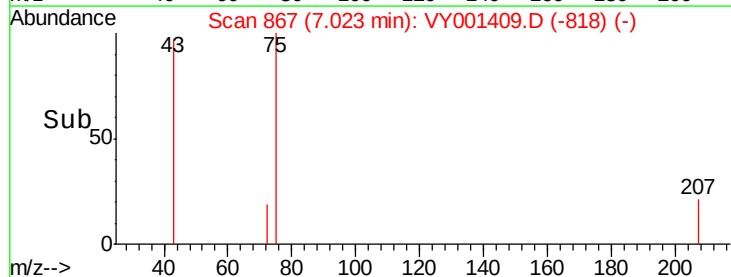
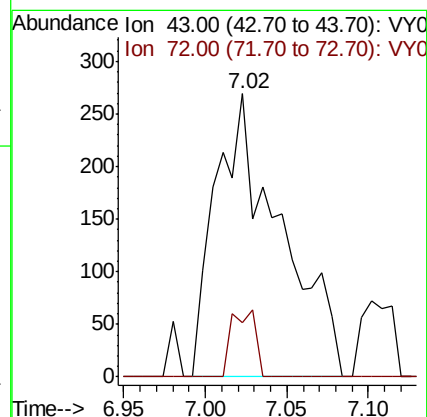
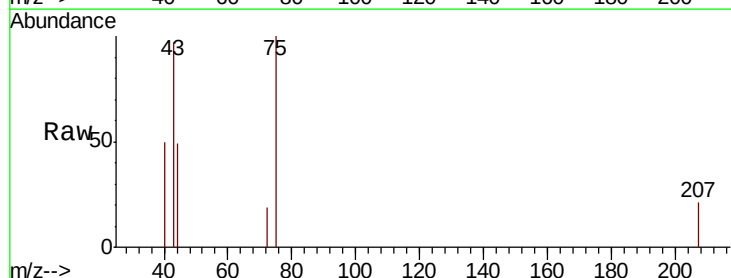
Acq: 27 Jan 2020 16:29

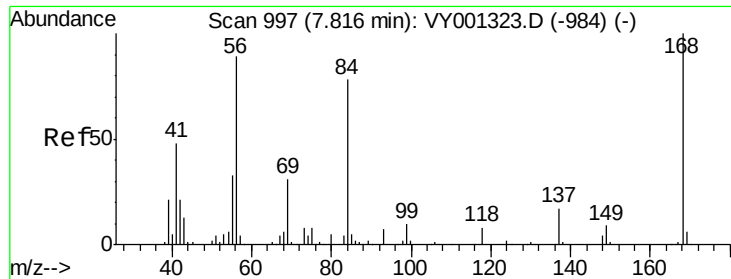
Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

72 19.3 20.6 31.0#

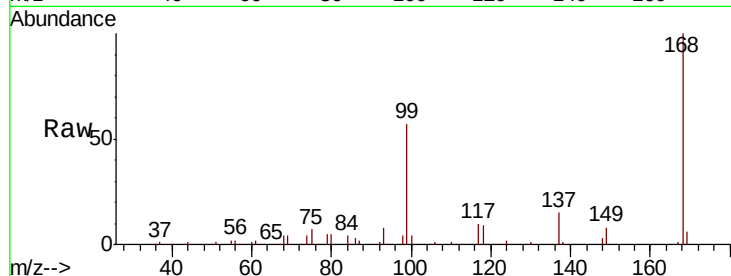




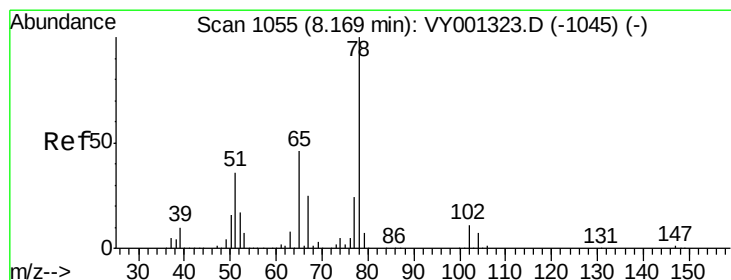
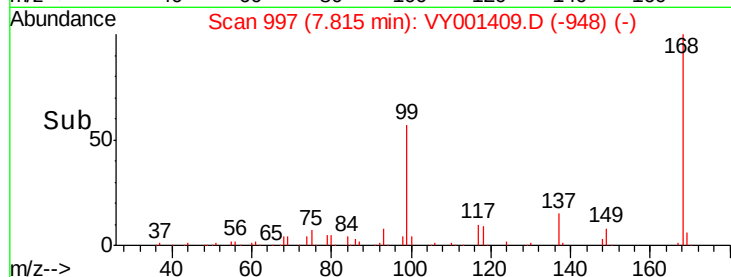
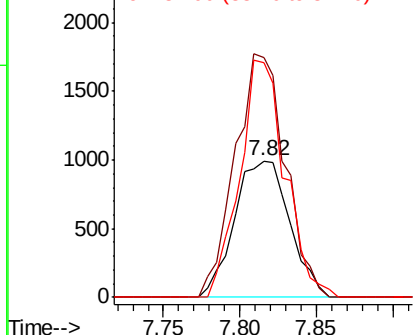
#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001409.D
Acq: 27 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 2485
Ion Ratio Lower Upper
56 100
69 176.4 27.6 41.4#
84 182.2 69.7 104.5#

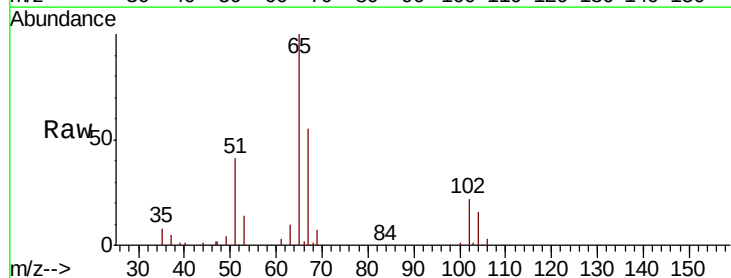


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

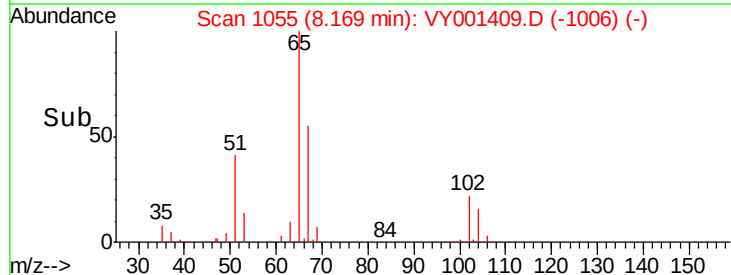
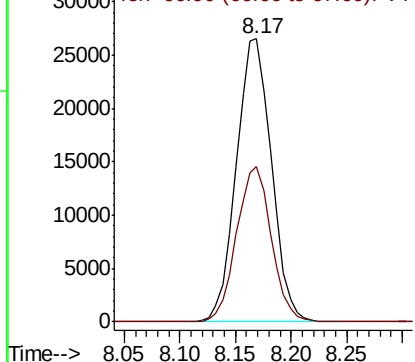


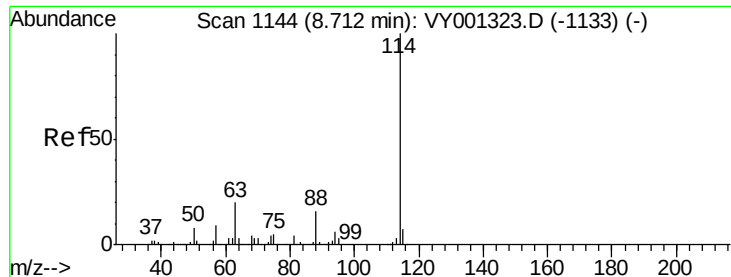
#33
1,2-Dichloroethane-d4
Concen: 51.397 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001409.D
Acq: 27 Jan 2020 16:29

Tgt Ion: 65 Resp: 58080
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

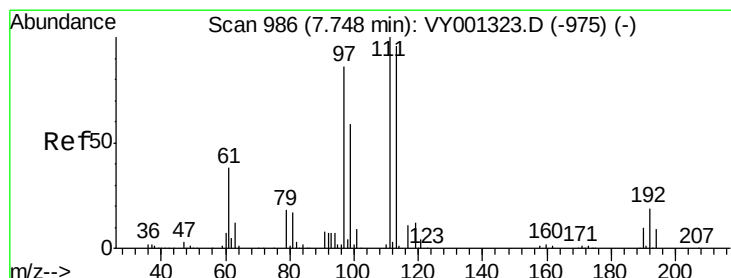
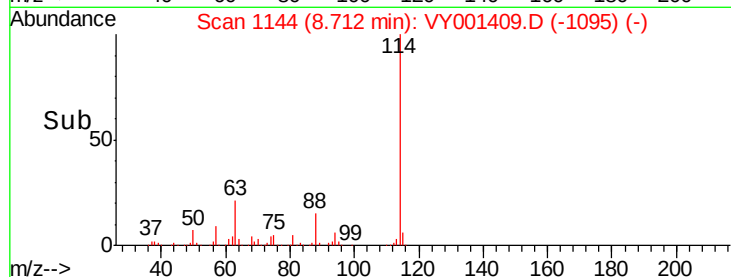
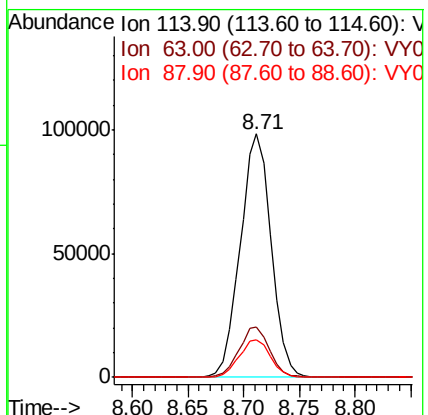
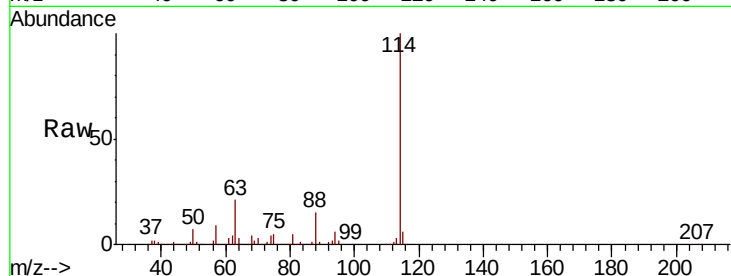




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001409.D
 Acq: 27 Jan 2020 16:29

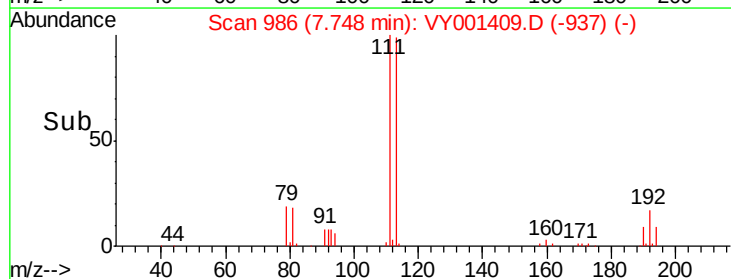
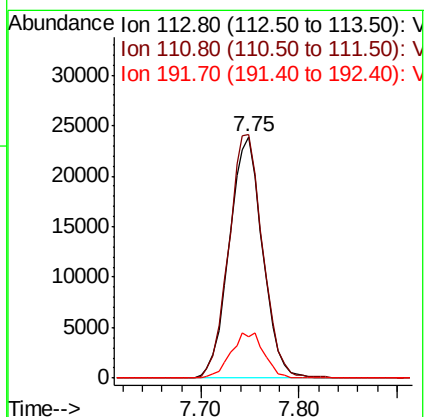
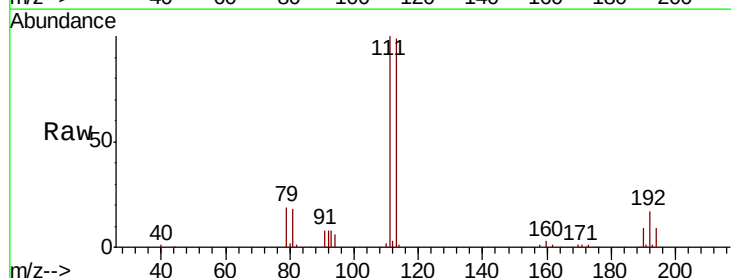
Instrument :
 MSVOA_Y
 ClientSampleId :

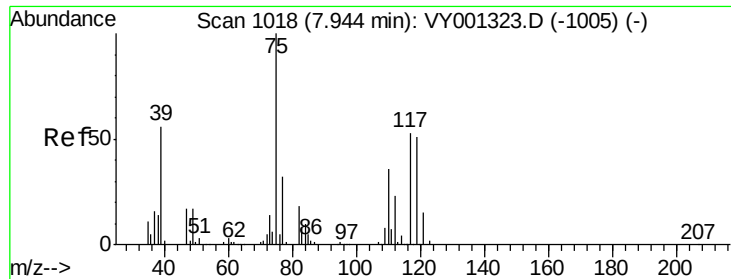
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.4	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 50.506 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001409.D
 Acq: 27 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	18.8	15.5	23.3

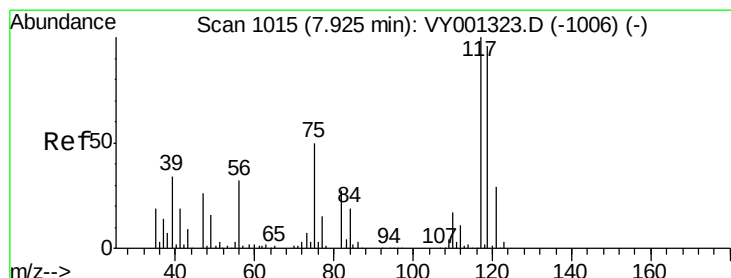
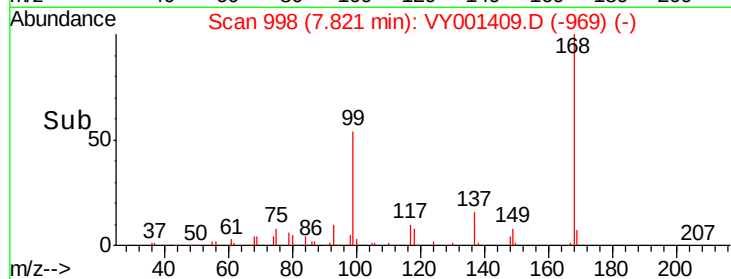
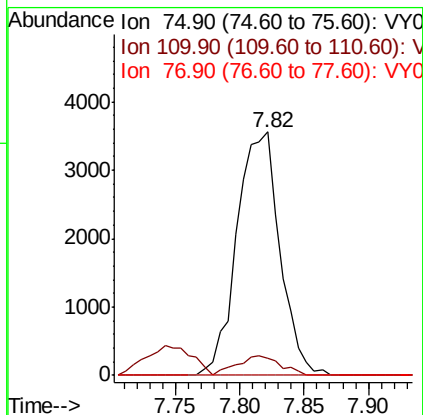
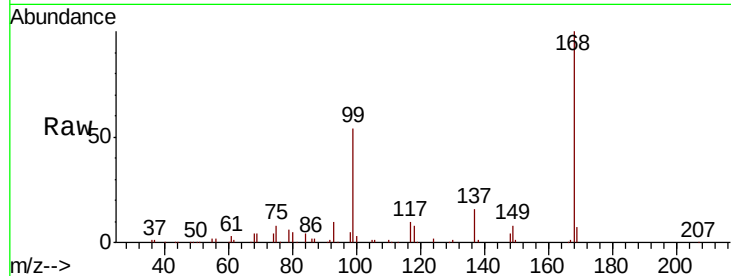




#36
 1,1-Dichloropropene
 Concen: 4.594 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001409.D
 Acq: 27 Jan 2020 16:29

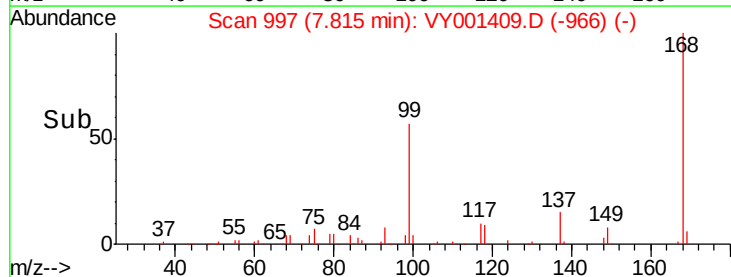
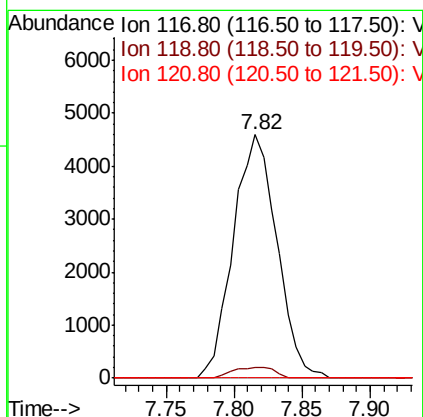
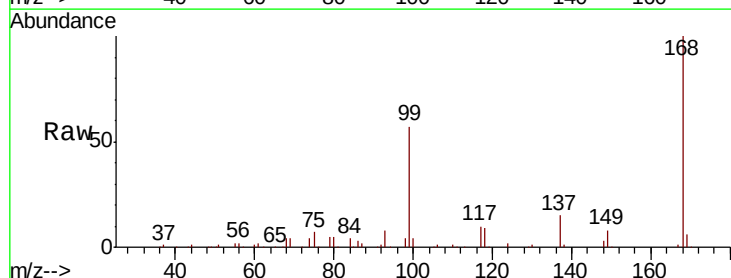
Instrument :
 MSVOA_Y
 ClientSampleId :

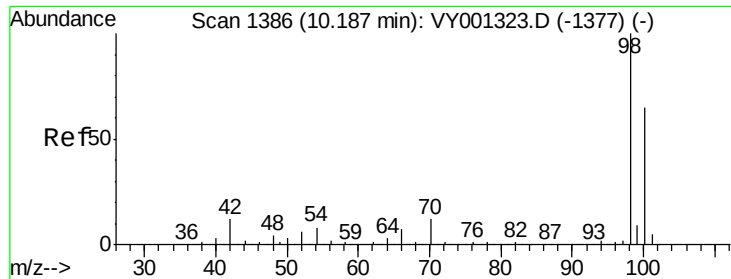
Tot Ion	75	Resp	8216
Ion Ratio	Lower	Upper	
75	100		
110	7.9	17.6	52.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.463 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001409.D
 Acq: 27 Jan 2020 16:29

Tgt Ion	117	Resp	10302
Ion Ratio	Lower	Upper	
117	100		
119	4.5	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 51.537 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001409.D

Acq: 27 Jan 2020 16:29

Instrument :

MSVOA_Y

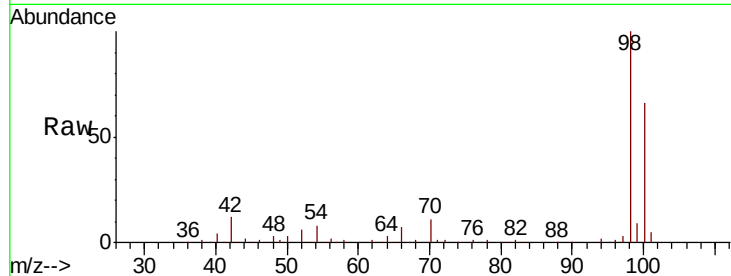
ClientSampleId :

Tot Ion: 98 Resp: 222481

Ion Ratio Lower Upper

98 100

100 66.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)

10.19

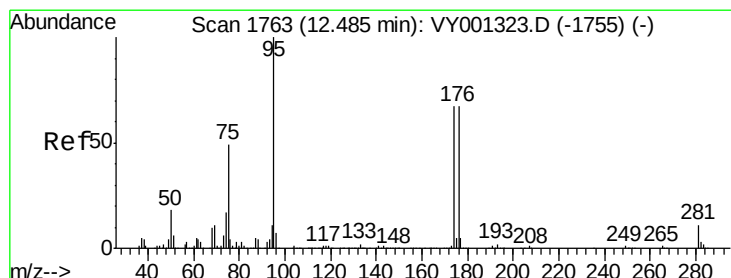
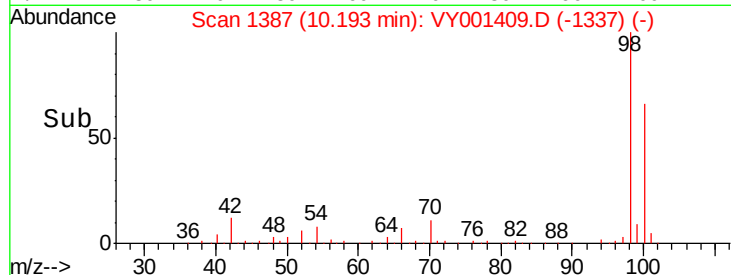
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.040 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001409.D

Acq: 27 Jan 2020 16:29

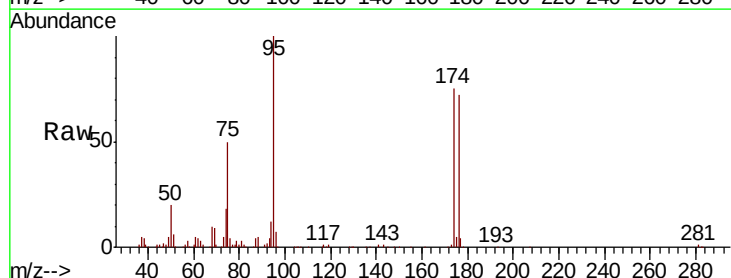
Tgt Ion: 95 Resp: 80869

Ion Ratio Lower Upper

95 100

174 75.3 0.0 142.0

176 72.6 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

12.49

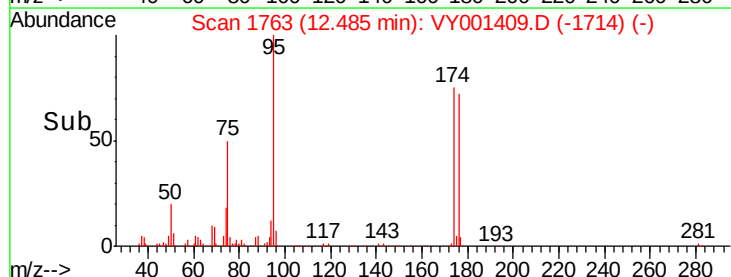
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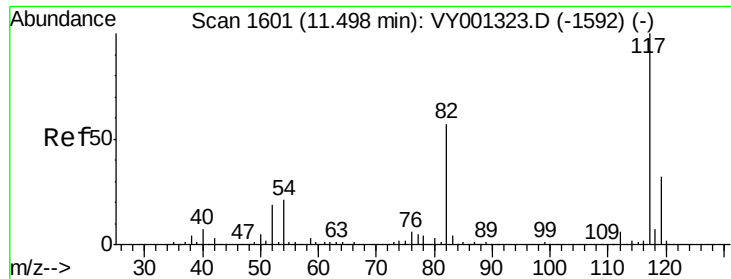
40000

20000

0

Time-->

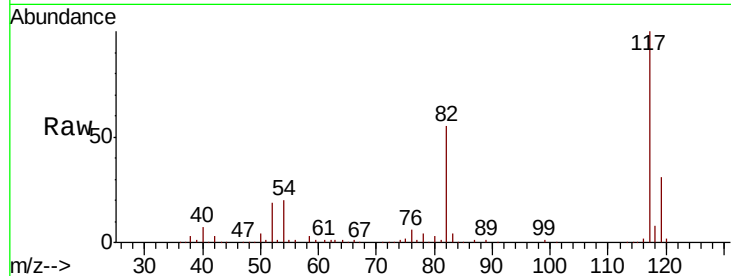




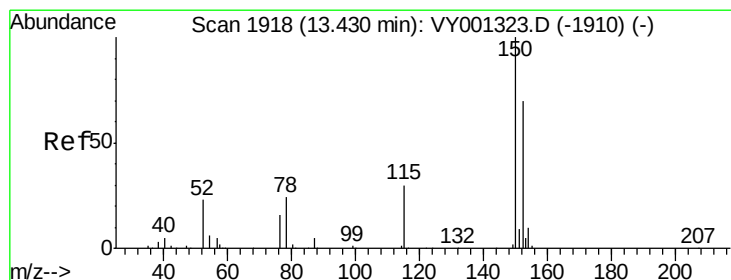
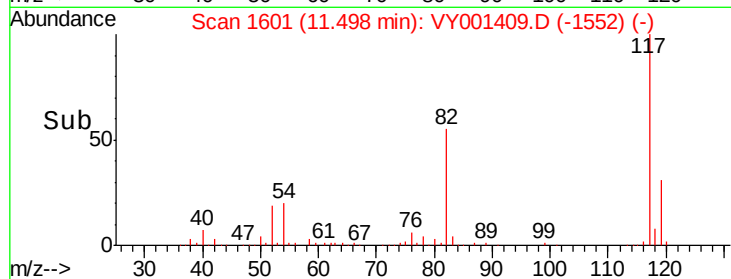
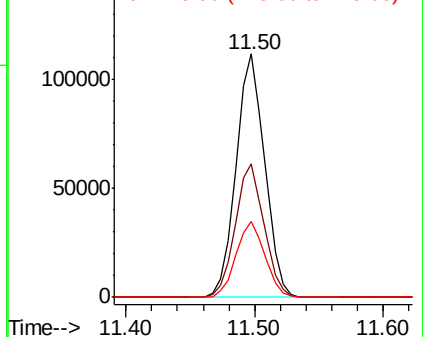
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001409.D
Acq: 27 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 171789
Ion Ratio Lower Upper
117 100
82 54.9 45.5 68.3
119 31.0 25.8 38.6

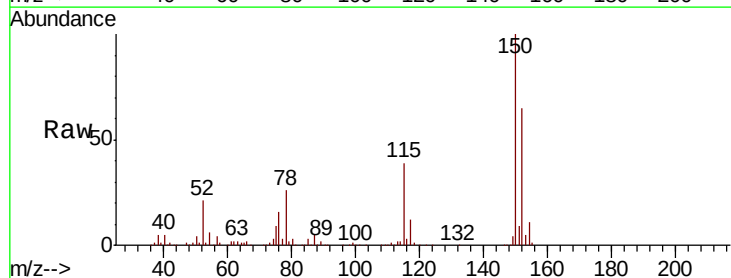


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

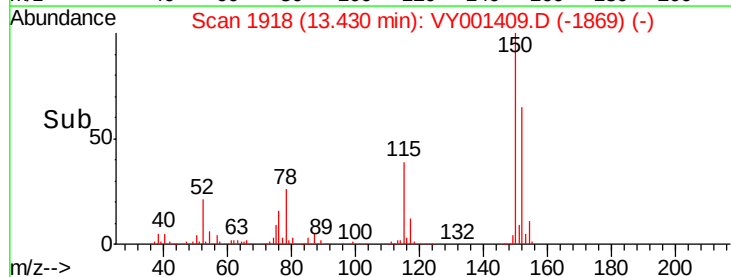
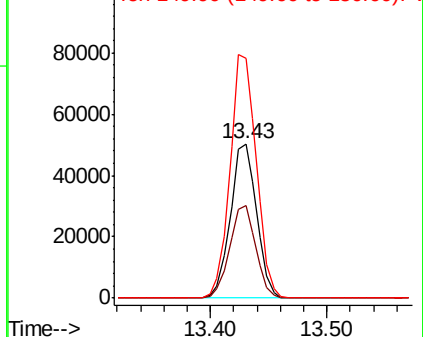


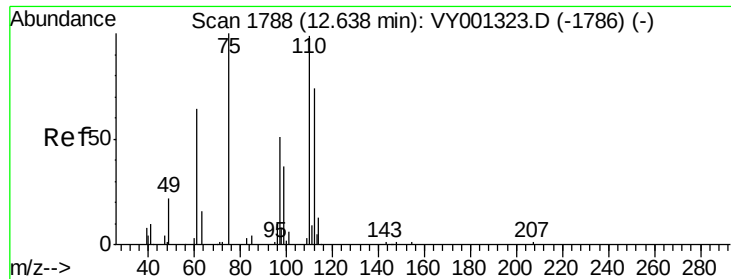
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001409.D
Acq: 27 Jan 2020 16:29

Tgt Ion:152 Resp: 78877
Ion Ratio Lower Upper
152 100
115 59.5 30.9 92.8
150 157.9 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 42.777 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001409.D

Acq: 27 Jan 2020 16:29

Instrument :

MSVOA_Y

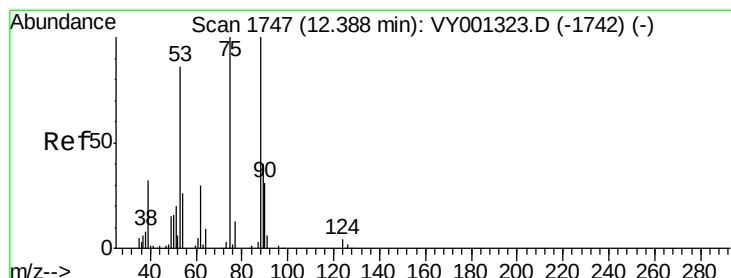
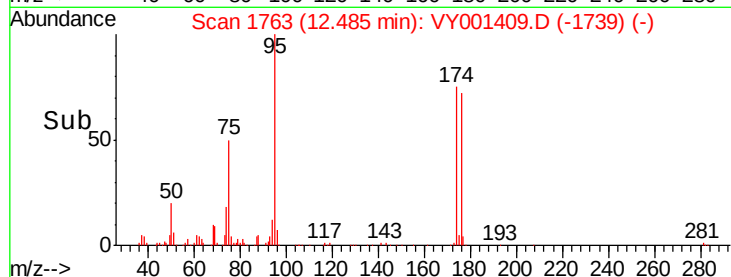
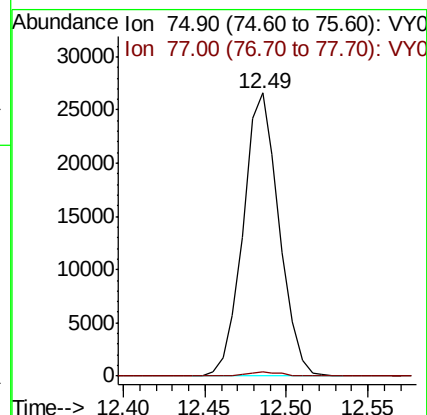
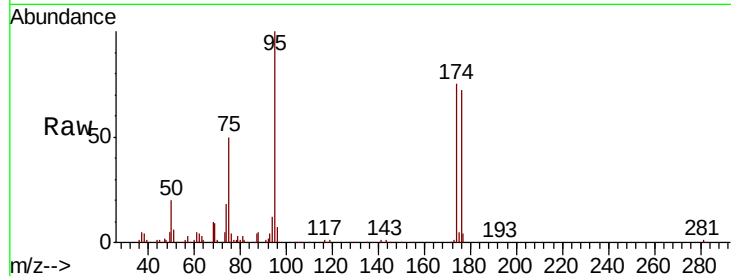
ClientSampleId :

Tot Ion: 75 Resp: 40658

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.950 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001409.D

Acq: 27 Jan 2020 16:29

Tgt Ion: 75 Resp: 40658

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.2 36.6 54.8#

